DAAC/ECS STATUS Table for January 7, 1998

Release	DESCRIPTION	Status	Problems/Comments
Pre-Release B Testbed	**HW/SW Installations**	-The Langley testbed will be shutdown on Friday, January 16. Actual physical relocation of the hardware will be performed the week of January 26. (Lucy Lee)	
	SSI&T	No activity.	
LaTIS	**Definition/ Development**	- Currently testing automation of DPREP and Subsystem 1.0 processing through the Product Generation Database. (Bob Ignacio, Tina Rogerson & Yantao Shi)	
	SSI&T	- SSI&T of Inversion including testing under Codine was completed. - SSI&T of ERBE-Like, MOA Subsystems (Mission version) were also completed. ERBE-Like subsystems were promoted to production.There was an attempt to process the Quick Look data through Subsystem 2. It was unsuccessful, however. - Another package of CERESlib was delivered on December 23, 1997. The SSI&T was delayed as ERBE-Like took higher priority. SSI&T of the CERESlib package is currently underway. (Sukdee Storaasli)	
	Production	- ERBElike Subsystem 2 is now in production. Only 1 job can be run at a time however due to PCF file, Log Files, etc being generically named. This is currently not a problem but may become an operational issue at some later time. - Currently working on moving Subsystem 12 into production. (Jill Travers)	
	Other	- SARB 30 day test is continuing. Processing problems have been resolved and processing is going smoothly for Clouds/Inversion/SARB. Since the SARB test is being run from the /ENG/CERES partition, disk space has been an issue that continues to be worked. (Jill Travers) - The automated job to perform regular updates to the leapsec.dat and utcpole.dat files is in testing on samantha. Recommended frequency of update is twice per week (late Tuesday and late Thursday), just after the bi-weekly updates from the US Naval Observatory are available. (Lucy Lee)	

Release	DESCRIPTION	Status	Problems/Comments
Version 2.0 (Release B)	**HW/SW Installations**	Software: v2d3 (version 2, drop 3) has been successfully installed and checked out in the VATC (ECS Verification and Test Center). The system will be moved to the mini-DAAC (early SSI&T) system this week, and then the GSFC DAAC. v2d3 will be the first ECS drop installed at Langley in February 1998. Hardware: The final hardware reconfiguration for the Langley v2.0 ECS will be performed starting the weke of January 26. (Lucy Lee)	
	ESDTS		
	SSI&T	-Early SSI&T continues at Landover. Subsystem 11 successfully ran (both main and post processors) on the Version 2 system through PDPS. Subsystem 2 and 3 has been delivered to ECS. Work continues at Landover on Subsystem 1. (Jill Travers) - CERES (Maria) provided the Processing Rules describing the SS2 PGE's. Information on the remaining subsystem PGE's (with SS1 being the priority) is needed by the ECS staff to verify at-launch capabilities. - SDP TK team provided patches for several problems that may affect users of the Release B.0 SCF Toolkit 5.2.1, mainly on metadata tools and PCF checking utility. Updated source code (for TK5.2.1 only), may be download to implement the fixes. - SDP TK team described the new procedures for updating Leap Seconds and UT1 (utcpole.dat) files. (Haldun Direskeneli)	
	Other		

Status of Release 2 CERES SSIT at the LaRC DAAC (01/07/98)

Subsystem	Delivery Date of accepted delivery	Delivery Content Verified and Accepted	Delivery placed under CM	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Production Volume Stress Test	Comments
1.0	06/26/97 08/27/97 10/24/97	06/30/97 08/27/97 10/26/97	07/01/97 08/28/97 10/27/97	07/02/97 08/28/97 10/27/97	07/03/97 08/28/97 10/28/97	07/03/97 08/30/97 10/30/97	08/30/97	
2.0 & 3.0	06/16/97 12/17/97	06/17/97 12/18/97	06/23/97 12/18/97	06/19/97 12/19/97	06/23/97 12/19/97	07/02/97 12/22/97	07/17/97	
4.1-4.4	08/15/97 11/14/97	08/19/97 11/18/97	08/19/97 11/18/97	08/21/97 12/02/97	08/25/97 12/02/97	08/26/97 12/03/97	08/26/97	
4.5-4.6	08/22/97 12/04/97	08/26/97 12/08/97	08/28/97 12/09/97	08/30/97 12/11/97	09/02/97 12/12/97	09/03/97 12/16/97	09/17/97	
5.0	09/11/97 11/28/97	09/12/97 12/03/97	09/15/97 12/05/97	09/16/97 12/05/97	09/16/97 12/08/97	09/17/97 12/08/97	10/30/97	
7.1								
7.2								
6.0/9.0								
8.0								

Status of Release 2 CERES SSIT at the LaRC DAAC (01/07/98)

Subsystem	Delivery Date of accepted delivery	Delivery Content Verified and Accepted	Delivery placed under CM	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Production Volume Stress Test	Comments
10.0								
11.0	08/01/97 10/10/97	08/05/97 10/14/97	08/05/97 10/14/97	08/07/97 10/16/97	08/07/97 10/16/97	08/08/97 10/17/97		
12.0	08/01/97 12/12/97	08/05/97 12/22/97	08/06/97 12/22/97	08/05/97 12/29/97	08/06/97 12/30/97	08/08/97 12/30/97	08/08/97	
CERESlib	06/17/97 08/01/97+ 10/03/97* 10/31/97- 12/04/97 12/23/97	06/18/97 08/04/97 10/06/97 11/04/97 12/09/97 01/02/98	06/23/97 08/05/97 10/07/97 11/04/97 12/09/97 01/02/98	06/18/97 08/05/97 10/07/97 11/06/97 12/09/97	06/18/97 08/05/97 10/07/97 11/06/97 12/09/97	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	+Delivery for SS 11 * Delivery for TK5.2 - Delivery for SSF

CERES Release 2 DAAC Performance Measurements - 12/10/97

One execution on LaTIS configuration of each PGE at production-level volume expected for TRMM launch.

SS	PGE	Compiler	Test Date	Time,sec			Block Operations		Peak Memory MB	Disk Storage, MB					Run per Mnt
				Wall	User	System	Input	Output		Input	Temp	Interm	Arch	Logs/ QC	
1.0	Instrument	Ada	08/30	13952	13335	424	27397	7428	1320.3	106	0	303	387	0.9	3
2.0	Daily TOA Inversion	SGIF90	07/16	288	276	9	4334	5	3.3	284	284	13	487	.02	3
3.0	Monthly Averaging	SGIF90	07/17	569	400	130	4890	230	15.7	403	410	0	140	1.7	
4.1/ 4.4	Cloud Retrieval/ Footprint Convolution	SGIF90	08/26	4481	4384	52	3174	13	323.1	312	0	1167	30	36.0	74
4.5	TOA/Surface Fluxes	SGIF90	09/17	162	33	126	52	13	2.9	215	0	0	201	0.08	74
5.0	Instantaneous SARB	SGIF90	10/30	27150	26785	190	3412	4	224.9	247	0	0	253	.001	74
7.2	Synoptic SARB														
2.0	MOA Regridding	NAG 32bit	08/08	1633	1548	29	35672	29	40.5	709	0	0	319	.001	3
1.0	Grid Geostationary	NAG 32bit	11/11	77816	77137	200	17225	4	25.6	1180	0	178	0	1	
1.1	Sort GGEO	NAG 32bit	11/21	10732	3484	3040	13820	3	2.5	588	0	0	568	.001	
9.0	Surface Gridding														
9.1	Sort SFC Files														
2.1	Post-process MOA														
0.0	TOA/SRB Averaging														
6.0	Atmos. Gridding														
6.1	Sort FSW Files														
7.1	Synoptic Interpolate														
3.0	Synoptic Averaging														
System Total															

System total: multiply each PGE measure by the number of Runs per Data Month for that PGE, then add all PGE's. Some PGE's will require more resources for each instrument on EOS-AM and EOS-PM.